

Title (en)

PLASTIC BAG WITH ONE OR MORE PORTS AND METHOD FOR PRODUCTION OF PLASTIC BAGS

Title (de)

KUNSTSTOFFBEUTEL MIT EINEM ODER MEHREREN PORTS SOWIE HERSTELLUNGSVERFAHREN FÜR KUNSTSTOFFBEUTEL

Title (fr)

POCHE EN PLASTIQUE COMPRENANT UN OU PLUSIEURS ORIFICES ET PROCEDE DE PRODUCTION ASSOCIE

Publication

EP 1814504 B1 20091216 (DE)

Application

EP 05797788 A 20051013

Priority

- EP 2005011028 W 20051013
- DE 102004050603 A 20041015

Abstract (en)

[origin: WO2006042692A2] The invention relates to a plastic bag (10), made from plastic film (20) with one or more ports (30). At least one of said ports (30) comprises a plastic element (40), welded between two layers of plastic film (22, 24), thus forming a port welded region (50). The plastic element (40) in the port welded region (50) may be compressed. The cross-section of the free, uncompressed plastic element (40) runs in the form of a wedge to the lateral edges of the port welded region (50). The plastic element (40) comprises at least one first edge (80) in the port welded region (50). The plastic bag (10) permits an optimised production method and is particularly suitable for application in the medical field.

IPC 8 full level

A61J 1/05 (2006.01); **B29C 65/74** (2006.01); **B31B 19/84** (2006.01)

CPC (source: BR EP KR RU)

A61J 1/10 (2013.01 - BR EP KR); **A61J 1/12** (2013.01 - KR); **B29C 65/18** (2013.01 - EP); **B29C 66/1122** (2013.01 - EP); **B29C 66/133** (2013.01 - EP); **B29C 66/3472** (2013.01 - EP); **B29C 66/53263** (2013.01 - EP); **B29C 66/7234** (2013.01 - EP); **B29C 66/81431** (2013.01 - EP); **B29C 66/83221** (2013.01 - EP); **B29C 66/91423** (2013.01 - EP); **B29C 66/91431** (2013.01 - EP); **B29C 66/919** (2013.01 - EP); **B29C 66/91921** (2013.01 - EP); **B29C 66/91933** (2013.01 - EP); **A61J 1/05** (2013.01 - RU); **B29C 65/18** (2013.01 - BR); **B29C 66/1122** (2013.01 - BR); **B29C 66/133** (2013.01 - BR); **B29C 66/24243** (2013.01 - BR EP); **B29C 66/3472** (2013.01 - BR); **B29C 66/53263** (2013.01 - BR); **B29C 66/71** (2013.01 - BR EP); **B29C 66/7234** (2013.01 - BR); **B29C 66/81431** (2013.01 - BR); **B29C 66/83221** (2013.01 - BR); **B29C 66/91423** (2013.01 - BR); **B29C 66/91431** (2013.01 - BR); **B29C 66/919** (2013.01 - BR); **B29C 66/91921** (2013.01 - BR); **B29C 66/91933** (2013.01 - BR); **B29L 2031/7148** (2013.01 - BR EP); **B31B 70/844** (2017.07 - BR EP)

Cited by

DE102008020652A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2006042692 A2 20060427; **WO 2006042692 A3 20060810**; AT E451902 T1 20100115; BR PI0516499 A 20080909; BR PI0516499 B1 20161129; BR PI0516499 B8 20210622; CN 2836798 Y 20061115; DE 102004050603 B3 20060601; DE 502005008726 D1 20100128; DK 1814504 T3 20100503; EP 1814504 A2 20070808; EP 1814504 B1 20091216; KR 100903459 B1 20090618; KR 20070085297 A 20070827; PL 1814504 T3 20100630; RU 2007118045 A 20081120; RU 2613719 C2 20170321; ZA 200703795 B 20081231

DOCDB simple family (application)

EP 2005011028 W 20051013; AT 05797788 T 20051013; BR PI0516499 A 20051013; CN 200520015884 U 20050427; DE 102004050603 A 20041015; DE 502005008726 T 20051013; DK 05797788 T 20051013; EP 05797788 A 20051013; KR 20077010577 A 20070510; PL 05797788 T 20051013; RU 2007118045 A 20051013; ZA 200703795 A 20070510